Datasheet for ABIN545261

anti-PIGK antibody (C-Term)

2 Images | 3 Publications

Go to Product page

Overview

Quantity:	400 µL
Target:	PIGK (GPI8)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of PIGK.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human PIGK.
Cross-Reactivity:	Human, Mouse

Target Details

Target:	PIGK (GPI8)
Alternative Name:	PIGK (GPI8 Products)
Gene ID:	10026

Application Details

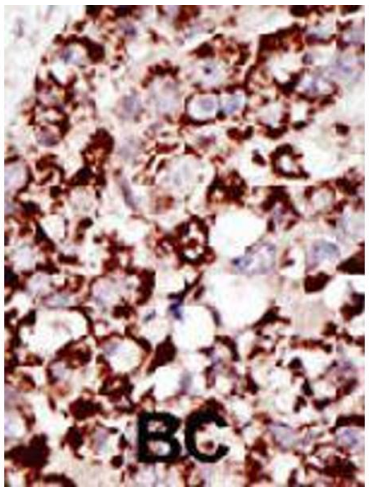
Application Notes:	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In PBS (0.09 % sodium azide)
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

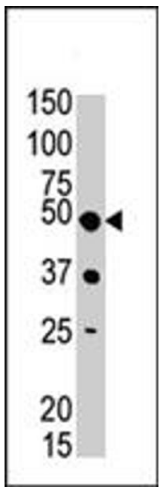
Publications

Product cited in:	Ohishi, Nagamune, Maeda, Kinoshita: "Two subunits of glycosylphosphatidylinositol transamidase, GPI8 and PIG-T, form a functionally important intermolecular disulfide bridge." in: **The Journal of biological chemistry**, Vol. 278, Issue 16, pp. 13959-67, (2003) (PubMed). Vainauskas, Maeda, Kurniawan, Kinoshita, Menon: "Structural requirements for the recruitment of Gaa1 into a functional glycosylphosphatidylinositol transamidase complex." in: **The Journal of biological chemistry**, Vol. 277, Issue 34, pp. 30535-42, (2002) (PubMed). Ohishi, Inoue, Kinoshita: "PIG-S and PIG-T, essential for GPI anchor attachment to proteins, form a complex with GAA1 and GPI8." in: **The EMBO journal**, Vol. 20, Issue 15, pp. 4088-98, (2001) (PubMed).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with PIGK polyclonal antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated . BC = breast carcinoma .



Western Blotting

Image 2. The PIGK polyclonal antibody is used in Western blot to detect PIGK in mouse liver tissue lysate .